

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
2 June 2005 (02.06.2005)

PCT

(10) International Publication Number
WO 2005/049437 A1

(51) International Patent Classification⁷: B65D 5/38, 50/04

(FI). DEHLIN, Marcus [SE/SE]; Horsensgatan 62, S-654 67 Karlstad (SE). EHRLUND, Åke [SE/SE]; Älvkarlevsvägen 177, S-163 51 Spånga (SE).

(21) International Application Number:

PCT/FI2004/000707

(74) Agent: BERGGREN OY AB; P.O. Box 16 (Jaakonkatu 3A), FI-00101 Helsinki (FI).

(22) International Filing Date:

22 November 2004 (22.11.2004)

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language:

English

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE,

(26) Publication Language:

English

(30) Priority Data:

20031693 20 November 2003 (20.11.2003) FI

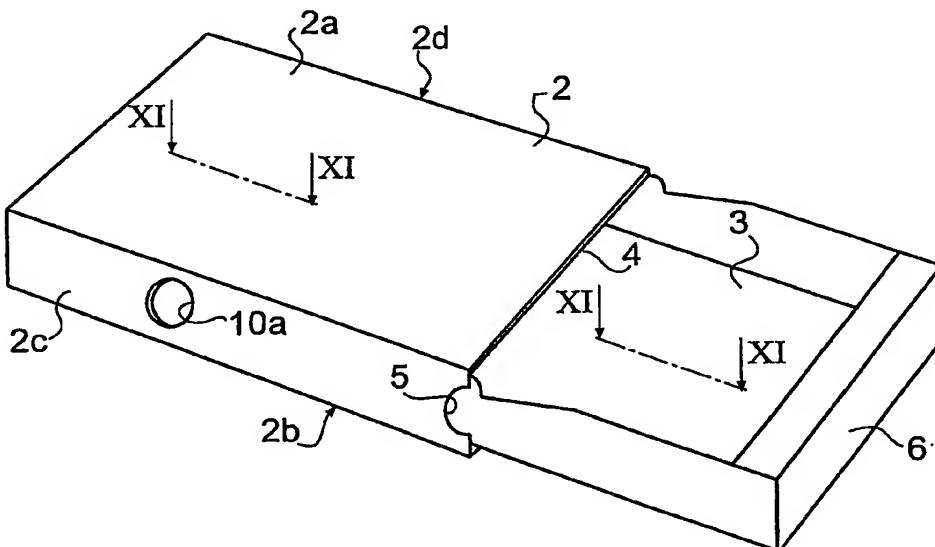
[Continued on next page]

(71) Applicant (for all designated States except US): STORA ENSO OYJ [FI/FI]; Kanavaranta 1, FI-00160 Helsinki (FI).

(72) Inventors; and

(75) Inventors/Applicants (for US only): TUOMINEN, Tommi [FI/FI]; Pitkäkalliontie 9 A 1, FI-48310 Kotka

(54) Title: A CHILD RESISTANT CARTON PACKAGE



(57) Abstract: The invention relates to a child resistant carton package for a pharmaceutical or like dangerous product. The package comprises an outer sleeve (2), an insert (3) that can be slidingly drawn out of the sleeve, the insert carrying the packaged product, and a locking mechanism (7, 9) between the sleeve and the insert. According to the invention at least the outer sleeve (2) is made of board reinforced with extrusion coated polymer to increase its resistance to tearing. The board may have a reinforcing layer of a tough polymer such as polyester, preferably on both sides of the board. There may also be a coextruded outer heat seal layer of polyolefine. The cutting edges may be protected with a polymer shield against delamination of the board. The same extrusion coated board can be used also for the inner sleeve.



SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*